

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1    | 1    | 10/736090   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 02:29 |
| L7    | 17   | ionic adj contamin\$ and "349"/\$.<br>ccls.                               | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 03:34 |
| L8    | 56   | filter near4 (ion\$) and "349"/\$.<br>ccls.                               | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 03:20 |
| L9    | 6    | filter near4 pump and "349"/\$.<br>ccls.                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 03:29 |
| L10   | 73   | filter near4 contamin\$ and<br>"349"/\$.ccls.                             | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 03:29 |
| L11   | 1    | "6903976".pn.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 03:34 |
| L12   | 1    | "6803976".pn.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 03:34 |
| L13   | 1    | "6670753".pn.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 03:34 |
| S1    | 1    | 10/736090   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/29 19:15 |
| S2    | 27   | hoke-charles-d.in.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/29 19:16 |
| S3    | 1    | ((resists adj degradation) with<br>(liquid adj crystal)).ti.              | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/29 19:17 |
| S4    | 149  | agilent.as. and liquid adj crystal  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/29 19:18 |
| S5    | 0    | S4 and U32347906682   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/29 19:17 |
| S6    | 3    | S4 and Uv   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/29 19:17 |
| S7    | 286  | liquid adj crystal and slm and<br>ultraviolet                             | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/30 15:11 |
| S8    | 3177 | spatial adj light adj modulator and<br>liquid adj crystal                 | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/30 15:12 |
| S9    | 201  | S8 and pump   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/30 15:19 |
| S10   | 365  | (spatial adj light adj modulator).ti.<br>and liquid adj crystal           | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/30 16:36 |
| S11   | 0    | (spatial adj light adj modulator).ti.<br>and liquid adj crystal with pump | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/30 16:44 |
| S12   | 168  | (spatial adj light adj modulator)<br>and reservoir                        | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/30 16:47 |
| S13   | 92   | S12 and liquid adj crystal  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/30 16:47 |

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| S14 | 229 | (spatial adj light adj modulator) and liquid adj crystal and contamin\$  | US-PGPUB; USPAT        | OR | ON | 2005/06/30 17:03 |
| S15 | 146 | 349/26-30.ccls.  | US-PGPUB; USPAT        | OR | ON | 2005/06/30 17:23 |
| S16 | 59  | electrode with (ion ionize ionic) with contamin\$ and liquid adj crystal   | US-PGPUB; USPAT        | OR | ON | 2005/06/30 17:49 |
| S17 | 844 | electrode with (ion ionize ionic) with contamin\$  | US-PGPUB; USPAT        | OR | ON | 2005/06/30 17:49 |
| S18 | 90  | (ion ionize ionic) with contamin\$ with liquid adj crystal   | US-PGPUB; USPAT        | OR | ON | 2005/06/30 17:52 |
| S19 | 76  | S18 and (not S16)  | US-PGPUB; USPAT        | OR | ON | 2005/06/30 17:51 |
| S20 | 76  | (ion ionize ionic) with contamin\$ with liquid adj crystal and (not S16)   | US-PGPUB; USPAT        | OR | ON | 2005/06/30 17:51 |
| S21 | 2   | ("5408345"   "5805250").PN.  | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/30 17:55 |
| S22 | 0   | ("6803976").URPN.  | USPAT                  | OR | ON | 2005/06/30 18:28 |
| S23 | 6   | electrode with absorb with ion and liquid adj crystal  | USPAT                  | OR | ON | 2005/06/30 18:28 |
| S24 | 19  | electrode with attract with ion and liquid adj crystal   | USPAT                  | OR | ON | 2005/06/30 18:30 |
| S25 | 85  | "349"/\$.ccls. and trench  | USPAT                  | OR | ON | 2005/06/30 18:30 |
| S26 | 9   | ("5223766"   "5283500"   "5502348"   "5545946"   "5835991"   "5883467"   "5977706"   "5994833"   "6005335").PN. OR ("6670753").URPN.                                     | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/05 10:58 |
| S27 | 24  | ("4131487"   "4257827"   "5424605"   "5453659"   "5477105"   "5519284"   "5525861"   "5545946"   "5548181"   "5635795"   "5663608"   "5688708").PN. OR ("5977706").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/05 10:59 |

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| S28 | 23   | ("2855368"   "4131487"  <br>"4257827"   "4683154"  <br>"4925741"   "5223766"  <br>"5424605"   "5453659"  <br>"5477105"   "5519284"  <br>"5525861"   "5545946"  <br>"5548181"   "5635795"  <br>"5663608"   "5688708"  <br>"5697825"   "5731660"  <br>"5827102"   "5977706").PN. OR<br>("6194830").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 10:59 |
| S29 | 24   | ("4131487"   "4257827"  <br>"5424605"   "5453659"  <br>"5477105"   "5519284"  <br>"5525861"   "5545946"  <br>"5548181"   "5635795"  <br>"5663608"   "5688708").PN. OR<br>("5977706").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 11:00 |
| S30 | 9    | ("5223766"   "5283500"  <br>"5502348"   "5545946"  <br>"5835991"   "5883467"  <br>"5977706"   "5994833"  <br>"6005335").PN. OR ("6670753").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 14:47 |
| S31 | 24   | ("4131487"   "4257827"  <br>"5424605"   "5453659"  <br>"5477105"   "5519284"  <br>"5525861"   "5545946"  <br>"5548181"   "5635795"  <br>"5663608"   "5688708").PN. OR<br>("5977706").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 14:49 |
| S32 | 6120 | gettering  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 14:49 |
| S33 | 1849 | S32 and display  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 14:49 |
| S34 | 1641 | S33 and electrode  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 14:49 |
| S35 | 686  | S34 and contamin\$   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 14:49 |
| S36 | 474  | S35 and panel  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 15:38 |
| S37 | 3    | "6190774".pn. "6104466".pn.<br>"5963289".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 15:52 |

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| S38 | 3   | 10/371976  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 15:53 |
| S39 | 24  | ("4131487"   "4257827"  <br>"5424605"   "5453659"  <br>"5477105"   "5519284"  <br>"5525861"   "5545946"  <br>"5548181"   "5635795"  <br>"5663608"   "5688708").PN. OR<br>("5977706").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 18:38 |
| S40 | 1   | "5688708".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 18:55 |
| S41 | 129 | filter with contamin\$ and "349"/\$.<br>ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 18:56 |
| S42 | 2   | S41 and reservoir  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 18:56 |
| S43 | 27  | S41 and ion  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 18:59 |
| S44 | 37  | filter adj4 contamin\$ and "349"/\$.<br>ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 19:01 |
| S45 | 10  | filtering same contamin\$ and<br>"349"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 19:04 |
| S46 | 547 | spatial adj light adj modulator and<br>ultraviolet and liquid adj crystal  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 19:31 |
| S47 | 266 | S46 and mask   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 19:35 |
| S48 | 413 | spatial adj light adj modulator and<br>semiconductor adj substrate   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 19:36 |
| S49 | 46  | S48 and "349"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/05 19:36 |
| S50 | 1   | "6424388".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/25 09:37 |
| S51 | 1   | "6801273".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/25 00:36 |
| S52 | 566 | 349/123.ccls.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/25 01:03 |
| S53 | 9   | 349/123.ccls. and inorganic adj<br>alignment adj layer   | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/25 01:04 |

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|-----|----|---|--------------------|----|----|------------------|
| S54 | 1  | 10/789458   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 09:13 |
| S55 | 43 | inorganic adj alignment adj layer<br>and "349"/\$.ccls. | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 09:15 |
| S56 | 41 | alignment adj layer with silicon adj<br>dioxide         | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 10:01 |
| S57 | 1  | "6801273".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 09:32 |
| S58 | 1  | "6670753".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 10:00 |
| S59 | 1  | "5688708".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 09:38 |
| S60 | 1  | "6803976".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 09:39 |
| S61 | 2  | 09/764112   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 09:32 |
| S62 | 1  | "6670753".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 09:37 |
| S63 | 1  | "6426786".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/25 10:01 |